

## EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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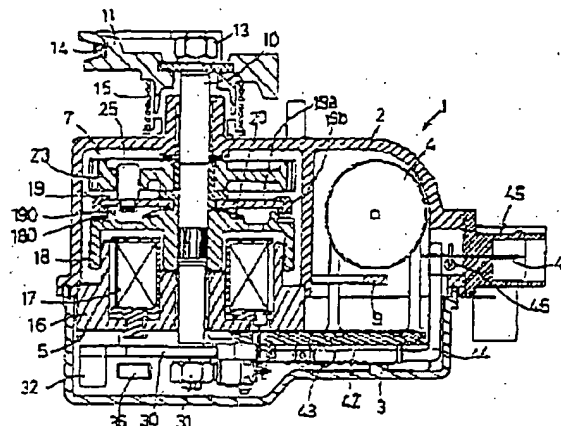
APPLICATION DATE : 14-12-95  
APPLICATION NUMBER : 07325889

APPLICANT : AISAN IND.CO LTD;

INVENTOR : KANIE SHINICHI;

INT.CL. : F16D 11/10 B60K 31/00

TITLE : CLUTCH DEVICE AND CONSTANT  
SPEED RUNNING DEVICE USING IT



ABSTRACT : PROBLEM TO BE SOLVED: To reduce the generation of noise due to collision during engagement and to improve durability of a clutch tooth by a method wherein the cover gear-form clutch teeth of a clutch device are brought into engagement between a metallic tooth and a resin tooth.

SOLUTION: A function is provided to transmit and disconnect a power through shaft movement of one power transmission member 19 of power mission members 18 and 19 and transmission of a power is practicable through engagement between cover gear-form clutch teeth 180 and 190. The clutch tooth 180 forms a metallic tooth and the clutch tooth 190 forms a resin tooth. The generation of noise due to collision between clutch teeth during engagement is reduced through sound absorbing ability which the resin tooth 190 has and further, wear of the two clutch teeth 180 and 190 is reduced through self lubricity which the resin teeth 190 has, resulting improvement of durability.

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